

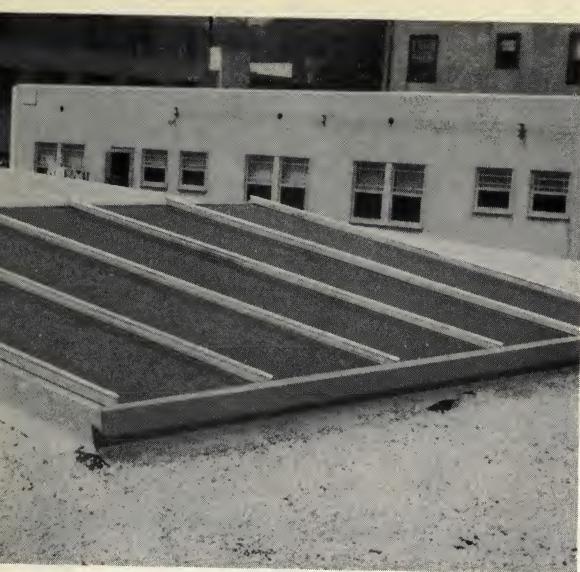
20b
AL

Still satisfying these 2 great needs

LOWER COST AT INSTALLATION
DURABLE, MAINTENANCE-FREE LIFE

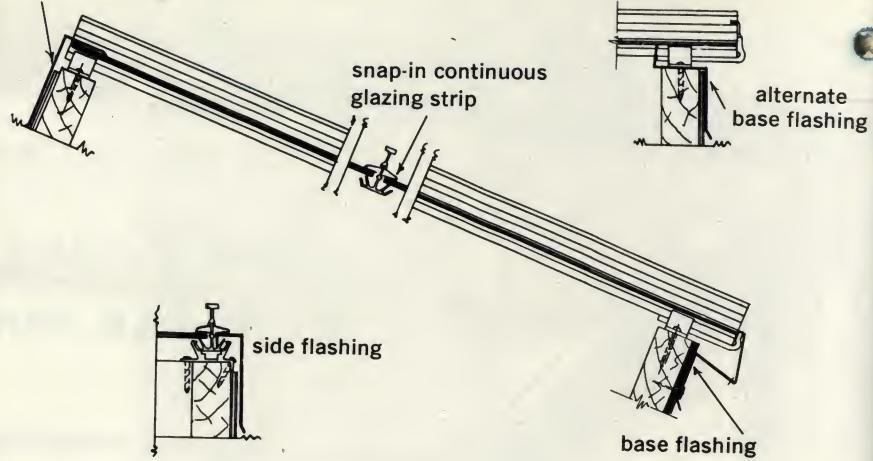
since 1939, that's

aluminex
PUTTYLESS
skylights

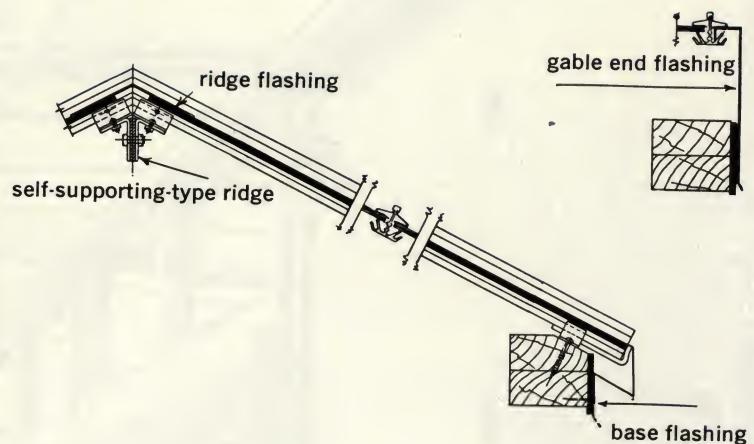


SINGLE PITCH Minimum Pitch, 2:12

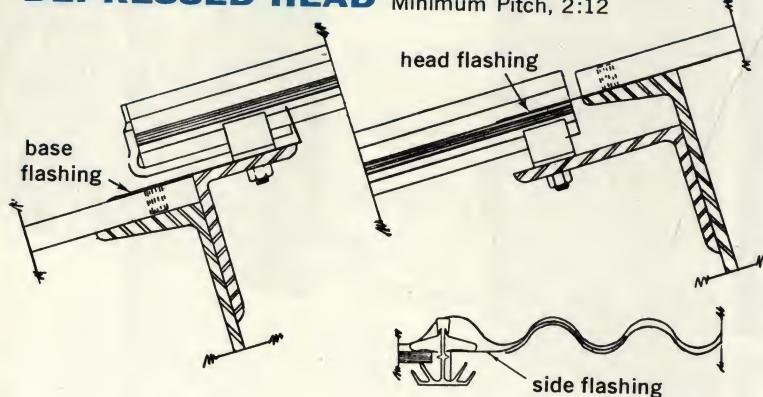
head flashing



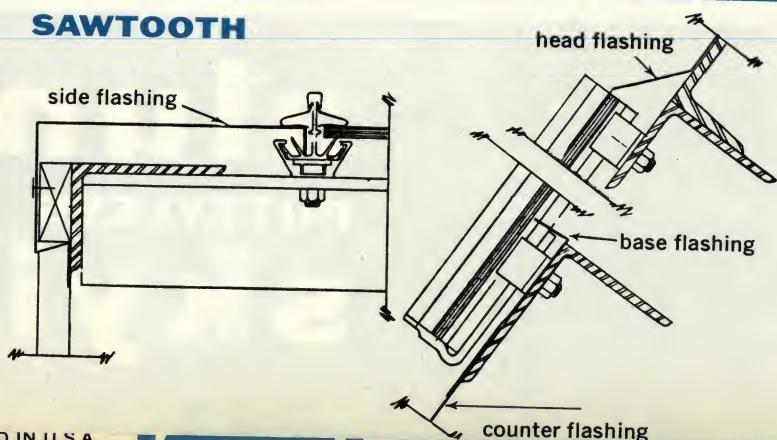
DOUBLE PITCH Standard Pitches 4:12 and 6:12



DEPRESSED HEAD Minimum Pitch, 2:12



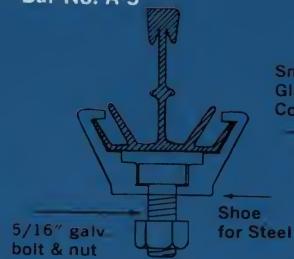
SAWTOOTH



aluminex

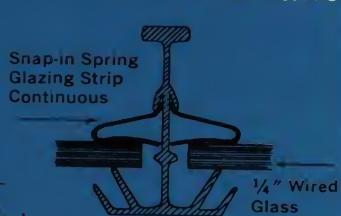
bars and fittings—half-scale

Bar No. A-5



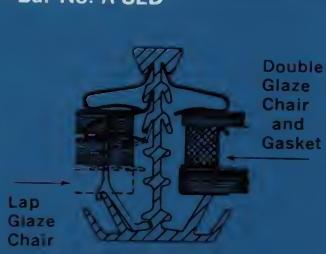
Section Modulus 0.126

Bar No. A-6



Section Modulus 0.170

Bar No. A-8LD



Section Modulus 0.270

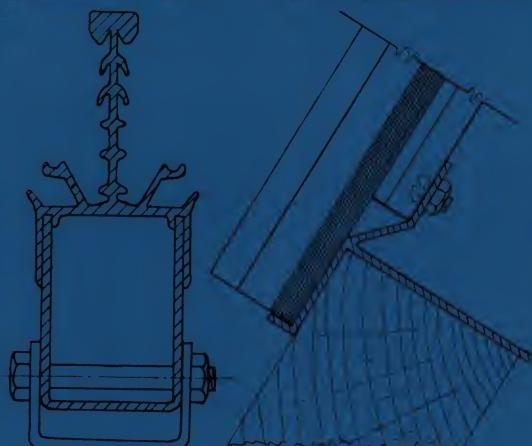
Bar No. A-11LD



Section Modulus 0.540

Bar No. A-16

Tubular Bar for extra-long spans



Tubular portion available 1", 2", 3", or 4" deep.

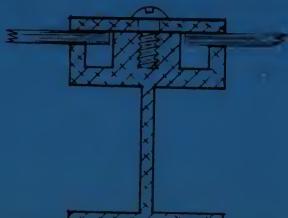
Section Modulus with 1" tube	0.40
2" tube	0.70
3" tube	1.05
4" tube	1.50

Bar No. C-1

Continuous extruded sill for fixed or vertical Sawtooth

Bar No. B-5

Special sections for special conditions—consult mfg.



Bar No. G-4

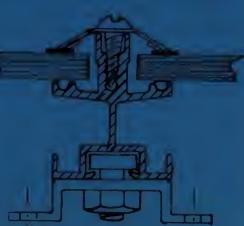


TABLE OF ALLOWABLE SPANS

The table of maximum allowable clear horizontal spans for Aluminex glazing bars given below, as approved by the Uniform Building Code Technical Committee, is predicated on a design stress of 13,500 p.s.i. for 6063 T5 aluminum alloy and for glazing bars spaced 24½" o.c.

Bar No.	Section Modulus	Allowable Horizontal Span on Pitch of 3:12 or Less	Allowable Horizontal Span on Pitch of Over 3:12
A-5	.126	4' 9"	5' 3¾"
A-6	.170	5' 6"	6' 2"
A-8 LD	.270	7' 0"	7' 9½"
A-11 LD	.540	9' 10"	11' 0"
A-16 LD-1	.40	8' 10"	10' 0"
A-16 LD-2	.70	11' 6"	12' 9"
A-16 LD-3	1.05	14' 0"	15' 9"
A-16 LD-4	1.50	16' 9"	18' 9"

Structural test of Aluminex Bars made at
Materials Testing Laboratory,
California Institute of Technology.

STANDARD SPECIFICATION

All skylights or other glazed areas where "Aluminex" is shown or indicated shall be of puttyless construction using extruded aluminum glazing bars with interlocking shoes and glass stops similar and equal to those manufactured by Aluminex Incorporated, 2408 Forney Street, Los Angeles 31, California, and shall be installed, glazed and flashed in accordance with manufacturer's recommendations.

Framing and curbs for skylight openings shall be provided by the General Contractor. If steel, Steel Fabricator shall punch steel as required for skylight attachment in accordance with approved skylight shop drawings.

Glazing bars and fittings shall be of the proper Aluminex sections for the spans and type of construction shown, using an alloy equal to Alcoa 6063 T5. Dual condensation gutters integral with the bars shall be similar to the sections shown, and all fittings such as mounting shoes, glass stops, etc. shall be purpose-made extrusions designed to assemble securely with glazing bars without the use of connector screws or bolts.

Glass shall be continuously supported for its full length and retained by continuous one piece snap-in type glazing strips roll-formed of aluminum alloy 5052 H34, or equal. They shall interlock with the glazing bar to provide evenly distributed factory set pressure insuring cushioned support to absorb shocks and vibrations, compensate for expansion or contraction, and yet retain the glass firmly in a weathertight manner without recourse to screws, bolts, caps, clips, felt pads, putty or similar expedients.

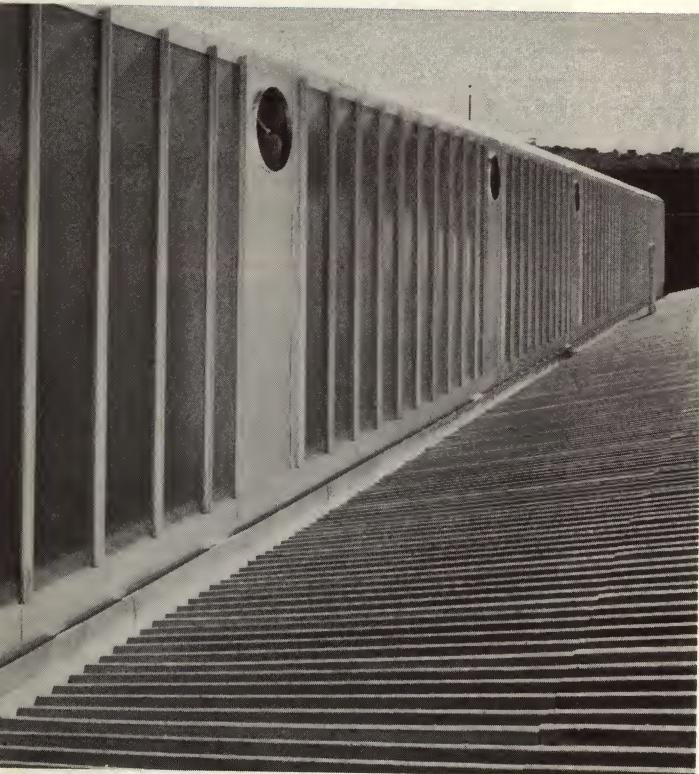
Flashing shall be as detailed, flytight and removable without disturbing bars, glass or mounting hardware, and shall be formed of a corrosion-resisting aluminum alloy similar and equal to the glazing strips.

Glass shall be ¼" obscure wire, furnished and installed by the skylight contractor unless otherwise specified.

All Aluminex glazing bars shall be spaced 24½" on centers unless otherwise shown.

aluminex

plus quality features



Moulin Studio, San Francisco

1 LONG SERVICE—LOW COST... A finely engineered lifetime skylight at the price of ordinary sheet metal construction.

2 PUTTYLESS... No putty to harden or pads to dry out.

3 ALL ALUMINUM... No painting or maintenance required.

4 SNAP IN ONE-PIECE GLAZING STRIPS... Patented interlocking spring aluminum strips require no tools to apply and provide quick positive glazing without recourse to putty, pads, gaskets, caps, screws, bolts, clips or similar expedients.

5 UNIFORM TENSION ON GLASS... The only puttyless system providing absolutely uniform factory preset glazing tension. Allows free expansion of glass without sacrifice of weathertightness.

6 POSITIVE INTERLOCKING MEMBERS... Bars, glass stops and mounting shoes all interlock to form integral unit without use of screws, bolts or pins. Parts cannot separate in service.

7 HIGHEST QUALITY CONSTRUCTION... 6063 T5 (or equal) aluminum alloy extruded load carrying glazing bars with dual condensation and drainage gutters and 5052-H34 aluminum alloy glazing strips and flashing, provide greatest tensile strength combined with high corrosion resistance. Backed by more than 18 years experience in both America and Europe.

8 AVAILABILITY... Aluminex is sold and installed by sheet metal contractors everywhere. See list of factory sales representatives below.

9 CODE APPROVED... Aluminex was the first aluminum puttyless glazing system to be approved by the Uniform Building Code Technical Committee. Glass 24" wide and any length up to 10' 8" may be used in the Aluminex system. (Building Code limit of 720 sq. inch glass panels does not apply when Aluminex is used.)

PARTIAL LIST OF ALUMINEX SALES REPRESENTATIVES

ALABAMA

Birmingham LY 2-1472 The Conarc Co. 4905 1st Ave N.
ARIZONA Phoenix Building Specialties Supply 3026 No 16th St AM 6-0462

CALIFORNIA

Fresno 4 H. LaB. Wilson 4525 No. Wishon

Los Angeles Kenneth Courtney Inc. P.O. Box 679 North Hollywood

Sacramento "Openings" 1331 "T" St

San Diego 3 Charles F. Barker 3646½ Park Dr. CY 8-6930

San Francisco 7 Rolph, Mills & Co. 325 Fifth St.

Santa Barbara John Young 15 W. Junipero St 2-1388

COLORADO

Denver 11 E. P. Murr 2542 W. 28th Avenue GE 3-3334

DISTRICT OF COLUMBIA

Alexandria, Va. Randall S. Stover 3834 Mt. Vernon Ave. Box 5034, Geo. Washington Station

Atlanta 8-4832

FLORIDA

Jacksonville George C. Griffin Co. P.O. Box 5151 4201 Old St. Augustine Rd. EX 8-6431

Miami E. G. Koy, Inc. 14718 N.W. 7th Avenue MU 5-1551

St. Petersburg B. H. Mueller 1548 77th St. North D. 2-2505

GEORGIA

Atlanta 3 Wm. E. McGIII & Co. 215 Red Rock Bldg. JA 5-7644

LOUISIANA

New Orleans 19 Alumaglass Bldg. Products Inc. P.O. Box 7037 739 Clark St. AU 0844

MICHIGAN

Detroit 34 Wolverine Door Co. Incorporated 2966 E. 7 Mile Rd. FO 6-898

MINNESOTA

Duluth Arrowhead Steel Distributors, Inc. 1122 W. Railroad St. RA 7-5016

Minneapolis 2 James C. Nystrom Co. Rm. 108

Northwestern Bank Bldg. FE 8-1521

MISSOURI

Kansas City 11 Howard & Arnold Co. 226 W 39th St.

St. Louis The Carlin Co. 117 Helfenstein Avenue Webster Groves 19

NEW MEXICO

Albuquerque Harry I. Davis P.O. Box 4055 718 Carlisle Blvd. S.E. 5-1824

NEW YORK

Albany area Alexander J. Woehrie P.O. Box 134, 337 Delaware Ave. Delmar 9-4417

Buffalo Area Bos-Hatten, Inc. French and Union Roofing Co. West Seneca 24 HO 4366

NORTH CAROLINA & SOUTH CAROLINA

Greenville S.C. Building Specialties Sales Co. P.O. Box 2142

OHIO

Cincinnati 31 Condit Construction Products, Inc. 3922 E. Galbraith Rd. TWeed 1-7900

Cleveland 15 C. F. Irelan 405 Caxton Bldg. PR 1-0900

Columbus Condit Construction Products Inc. 1026 W. Goodale Blvd. AX 4-3791

Dayton Condit Construction Products, Inc. 2800 E. Third Street, RE 1178

OKLAHOMA

Oklahoma City Murray R. Womble Co. 121 N.E. 26th Street JA 5-7417

Tulsa 19 Murray R. Womble Co. 216 E. 16th Street LU 4-2414

OREGON

Portland 4 W. H. Cress Co. 201 Concord Bldg. CA 8-1741

PENNSYLVANIA

Philadelphia 7 M. O. Sundelin 1321 Arch Street LO 7-2884 & LO 7-3061

Pittsburgh 8 P. Larsen Co. Inc. 503 N Homewood Avenue FR 1-4900

TENNESSEE

Nashville 4 Evans Glass Co. 499 Craighead St AM 9-1476

TEXAS

Corpus Christi W. G. Gower Co. P.O. Box 2095, 229 N. Port Ave. TD 3-0878

Dallas R. M. Tacker Co. 4330A W. Jefferson Blvd. FE 4-4734

San Antonio 12 Lee Garrison Co. Box 8356 126 Jon Ann St. PE 5-5247

TERRITORY OF HAWAII

Honolulu 2 Lewers & Cooke Ltd. P.O. Box 2930, 404 Piko Parkway 5-1961

UTAH

Salt Lake City Carver Sheet Metal Works P.O. Box 1656 1349 Jefferson St. 84-4387

VIRGINIA

Richmond W. H. Stovall & Co. Incorporated 303 S. 2nd St. 2-5821

WEST VIRGINIA

South Charleston 3 Mechanical Products Co. 323 Fourth Ave. RI 4-2614

WASHINGTON

Seattle 99 Northwest Associates Inc. 531 First Ave West AT 4-7000

WISCONSIN

Milwaukee 11 Air Handling & Specialty Co. 117 W. Belle Ave. ED 2-4010

If not listed, write manufacturer for name of representative for your area.

manufactured by

ALUMINEX INCORPORATED

2408 Forney Street, Los Angeles 31, California • CApitol 3-1114

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